

EDUCATION GOAL – Promote fire prevention education:

Fire agencies have learned through the loss of lives and property that catastrophic fires are exceptionally difficult to suppress. Fire prevention must now be a primary method for avoiding catastrophic fire. Communitywide commitment to fuels reduction is essential to establishing an effective fire prevention strategy. Educating community members about Firewise techniques is critical to preventing fires that may otherwise result in loss of lives and property.

- **EDUCATIONAL LEADERSHIP GROUP OBJECTIVE:** Create a Multi-Jurisdictional Leadership Group to Coordinate the Countywide Fire Education Objective.
- **AWARENESS OBJECTIVE:** Increase personal knowledge about the real threat of loss of life and property to wildland fires.
- **ENCOURAGEMENT OBJECTIVE:** Increase the knowledge of the benefits of utilizing Firewise practices.
- **DEMONSTRATION OBJECTIVE:** Use the fire hazard rating system to demonstrate to homeowners the vulnerability of their property to wildland fire.
- **VOLUNTARY PARTICIPATION OBJECTIVE:** Encourage voluntary participation by listing Firewise tasks that are easily accomplished by the homeowner. Show people in a ‘how-to’ format what they can do around their own property to prevent a wildfire from igniting their home. Teach homeowners how to create a survivable space.
- **ABSENTEE/VISITOR OBJECTIVE:** Overcome the challenge of public fire education in an absentee homeowner community.
- **SURROUNDING RISK OBJECTIVE:** Enhance public awareness of the fire dangers in the Wildland/Urban Interface and Intermix.

ACTION PLAN for EDUCATION GOAL - PROMOTE FIRE PREVENTION EDUCATION

ACTION ITEMS	Description	Coordinating Agencies	Available Funding & all other Available Resources	Supplies Needed to Take Action & Complete Action	Anticipated Achievement or Outcome	Social and Environment Benefits	Milestones	Timeline
EDUCATIONAL LEADERSHIP GROUP Objective:								
Group Organizational Action Item	Create a list of pertinent agencies and organizations and invite them to participate.	Federal, State and local fire agencies, Blaine County School District, ERC, Blaine County Recreation District, Community Building and Planning officials, Watershed Advisory Group, Idaho Nature Conservancy, Wood River Land Trust, Chambers of Commerce, Property Managers	Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget, School District Budget, Local Funding	Phone Books, Organizational Directories, Business Cards, Address and Phone Contacts	Creation of a list of interested participants for the Fire Education Leadership Group	Community Participation in promotion of Fire Prevention	Establish initial list and notify potential participants of first invitational workshop date	Dec-04
	Establish a regular meeting schedule to discuss, share and exchange information.	Members of the Multi-Jurisdictional Leadership Group	Members of the Multi-Jurisdictional Leadership Group	Meeting Locations and Proposed Schedule and Agendas	Concurrence between leadership members on a meeting schedule	Joint Partnerships initiated for fire prevention	Establish and Publish a meeting schedule	Feb-05

Program Delivery Action Item	Select strategies to educate all members of the community about wildland/urban interface fires such as: "Firewise" programs, "Fire Works" trunks, "Redzone" and other hazard assessment tools and established curricula.	Members of the Multi-Jurisdictional Leadership Group	Members of the Multi-Jurisdictional Leadership Group	Sample program formats and tools for review by leadership group for teaching fire prevention ethics	Selection of a viable fire prevention curriculum and set of educational tools for local use	Access to better fire prevention education	Select materials for fire prevention curriculum preferably from established programs and available tools	May-05
AWARENESS Objective:	Increase personal knowledge about the real threat of the loss of life and property to wildland fires.							
Public Fire Education/Media Coordinator	Create, fund, and fill a Public Fire Education/Media Coordinator position to organize and handle all fire prevention and awareness programs.	Fire Prevention Trainers	Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget	Position description. Application Form for the Position. Standards to evaluate Potential Candidates	Create and fill the Public Fire Education/Media Coordinator Position to organize and facilitate fire prevention awareness programs	Coordinated Fire Education and Media programs available through one contact	Write Public Fire Education/Media Coordinator Position description	Mar-05
Ignition Action Item	Create an understanding of combustibility, fuel loading and the elements necessary to ignite and sustain a fire.	Fire Prevention Trainers	Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget	Training Aids relative to Ignition and Combustible Fuels, Fuel Maps, Hazard Assessment Tools, Sample Fuels	Understanding of Principles of Ignition and Combustibility	Increased Awareness of the Danger of Wildland Fires	Create an Ignition and Combustibility lesson plan within the Leadership Group's Curriculum	Mar-05
Residential Materials Action Item	Increase the awareness about the potential that residential materials have to spread fire during a wildfire incident.	Fire Prevention Trainers	Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget	Training Aids relative to Ignition and Combustible Fuels, Fuel Maps, Hazard Assessment Tools, Sample Fuels	Understanding of effect of fire on various types of building and landscaping materials	Increased Awareness of the Danger of Wildland Fires	Create a building and landscaping materials lesson plan within the Leadership Group's Curriculum	Mar-05
Catastrophic Examples Action Item	Raise awareness by using recent examples of catastrophic loss of lives, property and natural resources. Show how fire mitigation and planning could have prevented these fires.	Fire Prevention Trainers	Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget	Newspaper Articles, News Clips, DVDs, and Videos of Catastrophic Fire Occurrences	Understanding of true potential for catastrophic fire in our Community at Risk	Increased Awareness of the Danger of Wildland Fires	Create a catastrophic fires lesson plan within the Leadership Group's Curriculum	Mar-05

<p>Quality of Life Action Item</p>	<p>Explain the loss of quality of life in our communities if we experience catastrophic fire. Discuss soil sterilization and erosion, damaged fisheries, reduced water quality, loss of scenic quality, destroyed public infrastructure, closed recreational facilities.</p>	<p>Fire Prevention Trainers</p>	<p>Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget</p>	<p>Newspaper Articles, News Clips, DVDs, and Videos of Catastrophic Fire Occurrences and Natural Resource information from FS, BLM and ERC</p>	<p>Understanding of the environmental loss and economic impact to our community including extensive recovery time following catastrophic fire</p>	<p>Increased Awareness of the Danger of Wildland Fires</p>	<p>Create a loss of quality of life lesson plan within the Leadership Group's Curriculum</p>	<p>Mar-05</p>
<p>Responsibility Action Item</p>	<p>Emphasize each person's responsibility for doing fire mitigation. Examples are: perform a home fire hazard rating, use Firewise landscaping practices, provide an improved access, install fire resistive building materials, participate in a neighborhood fuels reduction program.</p>	<p>Fire Prevention Trainers</p>	<p>Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget</p>	<p>Training Aids relative to Ignition and Combustible Fuels, Fuel Maps, Hazard Assessment Tools, Sample Fuels, Firewise information in all media formats including how-to fire prevention steps.</p>	<p>Citizen commitment to taking personal responsibility for applying Firewise practices to home and work environs</p>	<p>Increased Awareness of the Danger of Wildland Fires</p>	<p>Create a personal responsibility for fire prevention lesson plan within the Leadership Group's Curriculum</p>	<p>Mar-05</p>
<p>Fire Safety and Prevention Mobile Trailer Action Item</p>	<p>Research, purchase and prepare interpretive displays within an educational mobile trailer to bring fire safety and prevention messages to the public.</p>	<p>Fire Prevention Trainers</p>	<p>Fire Mitigation Funding, Idaho Fire Service Training, Local Fire Budget, Federal Firewise and Disaster Prevention public education grants</p>	<p>Examples of other mobile trailers and information on costs to purchase and operate an information trailer; educational grant applications for requesting funding for the purchase of a mobile trailer; list of fire safety and prevention messages to be interpreted within the mobile unit.</p>	<p>Comprehensive citizen and visitor awareness of fire related issues through the use of a mobile tool.</p>	<p>A mobile tool that allows firefighters to proactively bring fire prevention messages directly to a variety of audiences.</p>	<p>Research comparable mobile trailers to determine the costs associated with purchasing and maintaining the trailer and creating the educational information to be displayed inside.</p>	<p>Mar-05</p>
<p>ENCOURAGEMENT Objective: Increase the knowledge of the benefits of utilizing Firewise practices.</p>								

Financial Benefit Action Item	Explain to homeowners how fire insurance rates are affected by Firewise Practices to motivate homeowners to become Firewise.	Fire Prevention Trainers, Insurance Companies, Citizens	Local Fire Budget and Fire Mitigation Funding and Insurance Company Funding	A list of examples and incentives from insurance companies to demonstrate the benefits to homeowners of implementing Firewise Practices	Knowledge of how to maximize Firewise Practices to maintain home insurance coverage while living in a Wildland/Urban Interface or Intermix Zone	Maintaining Home Insurance Coverage at a reasonable rate through Firewise Practices	Create a Firewise home insurance lesson plan within the Leadership Group's Curriculum	Mar-05
Liability Action Item	Inform community members that they may be held responsible for loss of lives and property and suppression costs of fires they initiate.	Fire Prevention Trainers	Local Fire Budget and Fire Mitigation Funding and Insurance Company Funding	Fire Prevention Laws, Local Codes and Ordinances, Sample Court Cases, News Articles	Clear understanding of personal liability for causing fires	Reduction in the number of human caused fires	Create a personal liability lesson plan within the Leadership Group's Curriculum	Mar-05
DEMONSTRATION Objective:	Use the fire hazard rating system to demonstrate to homeowners the vulnerability of their property to wildland fires.							
Contact Action Item	Develop a system for contacting homeowners.	Hazard Assessment and Rating Team	Local Fire Budget and Fire Mitigation Funding	List of property owners or managers in your jurisdiction	Creation of a homeowner contact system	Opportunity for public fire prevention education	Develop the methodology for creating the homeowner contact system	Jan-05
Hazard Rating Action Item	Work with homeowners to develop a hazard rating for their property.	Hazard Assessment and Rating Team	Local Fire Budget and Fire Mitigation Funding	Hazard Rating Assessment Tool selected by Fire Agencies	Homeowner awareness of Property Fire Hazard Rating	New ability to complete their own Fire Hazard Assessment	Devise a schedule for meeting with priority homeowners to perform hazard assessments	May-04
Improvement Action Item	Provide suggestions for improving the fire hazard rating of an individual's property.	Hazard Assessment and Rating Team	Local Fire Budget and Fire Mitigation Funding and funding from home improvement companies	The site specific Hazard Rating Assessment	A lists of tasks that homeowner can accomplish to create a Firewise living and working environment	More Firewise personal living spaces within a more Firewise community	Devise a schedule for meeting with priority homeowners to provide suggestions along with hazard assessments	May-04

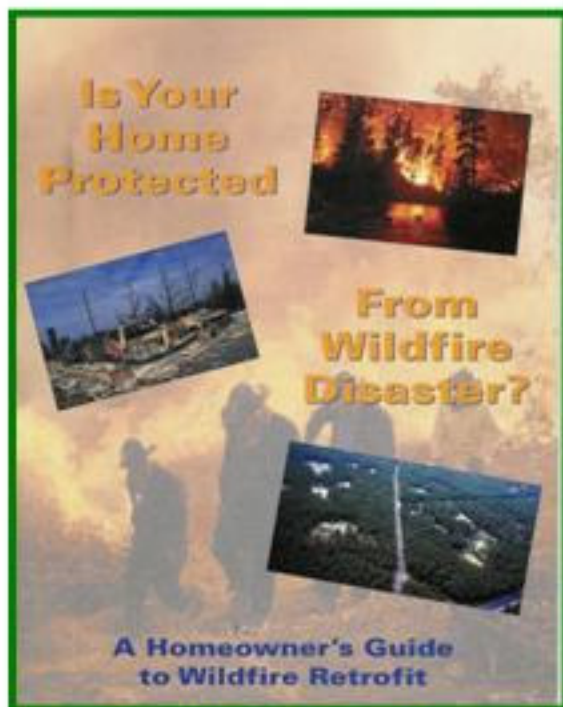
Tool Box Action Item	Provide a "Fire Mitigation" toolbox in local government offices readily available to homeowners.	Hazard Assessment and Rating Team and Local Government Staffs	Local Fire Budget and Fire Mitigation Funding	Firewise Information in various media formats	Toolboxes created and provided to local government officials	Local government is better prepared to advise citizens on Firewise Practices and Techniques	Plan a workshop with all fire agencies to assemble a toolbox for countywide distribution	Jun-05
Professional Trades Action Item	Work with local government, architectural, engineering and construction industries to initiate cost effective programs for promoting the use of Firewise construction techniques such as: fire sprinkler systems, fire resistive siding, Class A roofs, enclosed soffits.	Local fire agencies, building, architectural and landscape professionals	Fire Mitigation Funding and Local Fire Budget	Power point presentations, DVDs, Videos, Sample Products, Informational Pamphlets	Collaboration with Professionals to promote the use of building and landscaping material options and Firewise construction and installation methods	Improved professional assistance to property owners for fire prevention	Organize workshops for architectural, building and landscape installation professionals to devise and recommend cost effective programs for promoting and using Firewise building materials and installation techniques	Dec-04
VOLUNTARY PARTICIPATION Objective:	Encourage voluntary participation by listing Firewise tasks that are easily accomplished by the homeowner. Show people in a how-to format what they can do around their property to prevent a wildfire from igniting their home.							
Kudos Action Item	Highlight demonstration sites that have successfully applied Firewise practices.	Local fire agencies, building, architectural, landscape professionals and homeowners	Fire Mitigation Funding	Fuel reduction sites, Firewise homes, Firewise landscape projects	Show examples of completed projects	Promotion of a Firewise Community	Select completed Firewise demonstration sites	Jul-05

Structure Improvements Action Item	Encourage voluntary modifications such as: enclosed soffits and decks, fire resistive roof and siding materials and properly screened vents.	Local fire agencies, building, architectural, landscape professionals and homeowners	Fire Mitigation Funding	Ideas for Firewise improvements and construction projects	Completion of Firewise construction projects	Promotion of a Firewise Community	Develop a list of Firewise modification projects	Mar-05
Landscape Improvements Action Item	Encourage voluntary improvements such as: reducing ladder fuels by limbing trees, planting less combustible vegetation, removing excess wood and leaf debris, creating your survivable space, installing a landscape sprinkler system.	Local fire agencies, landscape professionals, plant nursery owners, ERC and homeowners	Fire Mitigation Funding	Firewise plant lists and landscape techniques. Firewise Landscaping video series. Landscape irrigation information and techniques	Completion of Firewise landscape projects	Promotion of a Firewise Community	Compile information for distribution on Firewise Landscaping for the home.	Mar-05
Neighborhood Coordination Action Item	Request that local government officials assist participating neighborhoods in fuels reduction efforts including on-site chipping, mulching and pelletizing as well as establishing drop-off and composting sites.	County and municipal officials, fuels reduction contractors, local fire agencies, ERC and homeowner groups.	Fire Mitigation Funding	Information on the benefits of recycling and reusing bio-mass materials from fuels reduction projects.	Fuels reduction and Bio-mass recycling in local neighborhoods.	Promotion of a Firewise Community	Coordinate with local government officials for project approval	Feb-05
ABSENTEE/VISITOR Objective:	Overcome the challenge of public fire education in an absentee homeowner community.							
Absentee Owner Contact Action Item	Contact and educate absentee homeowners using creative methodology.	Local Fire Agency, Property owners, Property Managers, Landscape Managers	Fire Mitigation Funding	Web site, post cards, address and phone books, business cards, Firewise information packets	An established or confirmed line of communication with homeowners or their representative to maintain Firewise properties	Promotion of a Firewise Community	Compile a list of absentee homeowners	Dec-04

SURROUNDING RISK Objective:	Property Management Assistance Action Item	<p>Work with property managers to establish communication with absentee homeowners to distribute fire hazard ratings and Firewise practices information.</p>	<p>Local Fire Agency, Property Managers, Homeowners Associations, Landscape Managers</p>	<p>Fire Mitigation Funding</p>	<p>Web site, post cards, address and phone books, business cards, Firewise information packets</p>	<p>An established or confirmed line of communication with homeowner representatives to establish and maintain Firewise properties</p>	<p>Promotion of a Firewise Community</p>	<p>Obtain a current list of property managers to compile a list of absentee homeowners</p>	<p>Dec-04</p>
	Educational Website Action Item	<p>Develop a website for property owners to obtain information and communicate with fire officials.</p>	<p>Local Fire Agencies and Website Design Consultants</p>	<p>Fire Mitigation Funding</p>	<p>Computer system, Web Site and Sample Design Ideas from Existing Fire Prevention and Mitigation Web Links</p>	<p>Accessibility to a local Firewise and Fire Mitigation Web Site for absentee homeowners and their property managers</p>	<p>Improved opportunities to inform absentee homeowners regarding Firewise Practices and home fire prevention techniques</p>	<p>Review recommended links provided in the reference section of this Plan and Acquire the services of a Web Site Designer</p>	<p>Mar-05</p>
	E-mail Groups Action Item	<p>Develop group e-mail lists to update, inform and educate homeowners about wildland fire issues and Firewise practices.</p>	<p>Local Fire Agencies and Website Design Consultants</p>	<p>Fire Mitigation Funding</p>	<p>Computer system, Web Site and Sample Design Ideas from Existing Fire Prevention and Mitigation Web Links</p>	<p>E-mail opportunities for exchange of information between fire officials and absentee homeowners</p>	<p>Improved opportunities to exchange Firewise information with absentee homeowners</p>	<p>Acquire e-mail contact addresses when compiling the absentee homeowner list</p>	<p>Mar-05</p>
	Visitor Safety Action Item	<p>Provide Firewise information in public places and rental and resort properties to raise awareness about fire safety issues.</p>	<p>Lodging and Dining Businesses, Recreation Businesses, Chambers of Commerce, Public Offices, Transportation Venues, Fire Prevention Trainer</p>	<p>Fire Mitigation Funding</p>	<p>Firewise Information in various media formats including extra large marketing devices such as posters and advertising on local buses</p>	<p>A set of Firewise and Fire Prevention marketing tools for informing and educating the visiting public</p>	<p>A visitor population that is more educated and informed about local fire hazards and fire prevention techniques</p>	<p>List effective methods for capturing the attention of the visitor population</p>	<p>Dec-05</p>
Enhance public awareness of the fire dangers in the wildland urban interface and intermix.									

Catastrophic Fire Sources Action Item	Explain how private properties as well as public lands have the potential to be the source of a catastrophic fire.	Fire Prevention Trainers	Fire Mitigation Funding	Newspaper Articles, News Clips, DVDs, and Videos of Catastrophic Fire Occurrences	Understanding by property owners that their property may be the source of a catastrophic fire	Increased Awareness of the Danger of Wildland Fires in Interface and Intermix Zones	Create a catastrophic fires lesson plan within the Leadership Group's Curriculum	Mar-05
Containing Fire Action Item	Create an understanding of the benefit of survivable spaces and fuels reduction in controlling the spread of a fire in the wildland/urban interface and intermix.	Fire Prevention Trainers	Fire Mitigation Funding	Firewise Information in various media formats that demonstrate the benefits of creating Survivable Spaces	Property Owner commitment to reducing property fuels and creating Survivable Spaces	Promotion of a Firewise Community	Create a Survivable Spaces through fuels reduction lesson plan within the Leadership Group's Curriculum	Mar-05
Showcase Action Item	Coordinate public workshops with district Forest Service and BLM representatives to showcase cooperative fire mitigation efforts underway in and around private neighborhoods.	Local fire agencies, local federal agencies, building, architectural, landscape professionals and homeowners	Fire Mitigation Funding	Fuel reduction sites, Firewise homes, Firewise landscape projects	Show examples of completed Firewise home and landscape projects	Promotion of a Firewise Community	Select completed Firewise demonstration sites	Jul-05

Firewise Literature



Firewise Landscaping Checklist

When designing and installing a firewise landscape, consider the following:

- Local area fire history.
- Site location and overall terrain.
- Prevailing winds and seasonal weather.
- Property contours and boundaries.
- Native vegetation.
- Plant characteristics and placement (cliffage, water and soil retention ability, aromatic oils, fuel load per area, and size).
- Irrigation requirements.

To create a firewise landscape, remember that the primary goal is fuel reduction. To this end, initiate the zone concept. Zone 1 is closest to the structure; Zones 2-4 move progressively further away.

- Zone 1.** This well-irrigated area encircles the structure for at least 30' on all sides, providing space for fire suppression equipment in the event of an emergency. Plantings should be limited to carefully spaced low flammability species.
- Zone 2.** Low flammability plant material should be used here. Plants should be low-growing, and the irrigation system should extend into this section.
- Zone 3.** Place low-growing plants and well-spaced trees in this area, remembering to keep the volume of vegetation (fuel) low.
- Zone 4.** This furthest zone from the structure is a natural area. Selectively prune and thin all plants and remove highly flammable vegetation.

Also remember to:

- Be sure to leave a minimum of 30' around the house to accommodate fire equipment, if necessary.
- Widely space and carefully prune the trees you plant.
- Take out the "ladder fuel" -- vegetation that serves as a link between grass and tree tops. This arrangement can carry fire to a structure or from a structure to vegetation.
- Give yourself added protection with "fuel breakers" like driveways, gravel walkways, and lawns.

When maintaining a landscape:

- Keep trees and shrubs properly pruned. Prune all trees so the lowest limbs are 8' to 10' from the ground.
- Remove leaf clutter and dead and overhanging branches.
- Mow the lawn regularly.
- Dispose of cuttings and debris promptly, according to local regulations.
- Store firewood away from the house.
- Be sure the irrigation system is well maintained.
- Use care when refueling garden equipment and maintain it regularly.
- Store and use flammable liquids properly.
- Dispose of smoking materials carefully.
- Become familiar with local regulations regarding vegetation clearance, disposal of debris, and fire safety requirements for equipment.
- Follow manufacturers' instructions when using fertilizers and pesticides.

Access additional information on the Firewise home page: www.firewise.org

Please see the other side of this sheet for the Firewise Construction Checklist.

Fire hazard assessment activity

Fire hazard assess the property using the form to determine the wildfire risk and severity of a property located near a wildfire area. Firewise recommends that you use this form to rate the community in which you live, and that you consider your local fire department in the process. Discuss how you rate wildfire risk and rating with your family and friends. Your local fire department's assessment and possibly even your city council. You can even encourage the creation of a wildfire response plan for your community. It is also a good idea to discuss the assessment form with other local community leaders. For firewise rating people need to be able to assess community and home design to reduce the risks and impacts of severe wildfire fire. We welcome you to the Firewise Family!

Wildland Fire Risk & Hazard Severity Assessment Form*

Choose a value for the numbered items in each element and then add all the points given to determine your hazard rating.

Element	Possible points	Points given
A. Moisture of areas		
1. Irrigation and regime		
a. Two or more levels/week	5	
b. One level/week	3	
2. Plant with		
a. < 1.1 m (36 in.)	0	
b. < 1.1 m (36 in.) and < 7.5 m (24 ft)	2	
c. < 1.1 m (36 in.)	4	
3. All-season moist condition		
a. Surface moist, grade < 2%	5	
b. Surface moist, grade < 5%	3	
c. Non-moistened moist, grade < 2%	0	
d. Non-moistened moist, grade < 5%	2	
e. Other than all season	1	
4. Fire barrier device		
a. < 10 ft (3 m) with turnaround	0	
b. < 10 ft (3 m) with turnaround	2	
c. < 10 ft (3 m) with no turnaround	4	
d. < 10 ft (3 m) with no turnaround	5	
5. Street signs		
a. Placed (10 ft (3 m) or less) at one end reflecting	0	
b. Not present	5	
B. Vegetation (fuel loading)		
1. Characteristics of immediate vegetation within 40 ft (120 ft)		
a. Light ignitables, tall, unpruned, and dead	5	
b. Medium light dead and small trees	10	
c. Heavy dense brush, debris, and hardwoods	20	
d. Dead dense branching material	25	
2. Defensible space		
a. < 20 ft (6 m) of vegetation treatment from structure	1	
b. 20 ft (6 m) to 75 ft (23 m) of vegetation treatment from structure	2	
c. 75 ft (23 m) to 100 ft (30 m) of vegetation treatment from structure	10	
d. < 10 ft (3 m) of vegetation treatment from structure	25	
C. Topography within 30 ft (90 ft) of structure		
1. Slope < 5%	1	
2. Slope 5% to 20%	4	
3. Slope 20% to 30%	7	

*Source: NFPA 1144, Standard for Protecting Life and Property from Wildfire, Copyright 2001 NFPA

	Possible points	Points given
D. Additional rating factors (rate all that apply)		
1. Topographic features that adversely affect wildfire behavior	0-5	
2. Areas with a history of higher fire occurrence due to special situations such as heavy lightning, networks, escaped debris burning, special	0-5	
3. Areas that are potentially exposed to unusually severe fire weather and strong winds	0-5	
4. Separation of adjacent structures that may contribute to fire spread	0-5	
E. Roofing assembly		
1. Class A roof	0	
2. Class B roof	5	
3. Class C roof	10	
4. Non-roof	20	
F. Building construction		
1. Materials (combustible)		
a. Noncombustible/low volatile siding, doors, and deck	0	
b. Noncombustible/low volatile siding, combustible deck	5	
c. Combustible siding and deck	10	
2. Building setback relative to slopes of 30% or more		
a. < 5 ft (1.5 m) to slope	1	
b. < 5 ft (1.5 m) to slope	5	
G. Automatic fire protection		
1. Water source availability		
a. Pressurized water source availability (on site)	0	
b. Non-pressurized water source availability (off site)	2	
c. Water unavailable	10	
2. Suppressed ignitable materials		
a. Station < 8 ft (2.4 m) from structure	1	
b. Station < 8 ft (2.4 m) from structure	5	
3. Fixed fire protection		
a. Sprinkler system	0	
b. None	5	
H. Placement of gas and electric utilities		
1. Both gases underground	0	
2. One underground, one above ground	5	
3. Both above ground	10	
Hazard assessment	Subtotal points for home or subdivision	
1. Low hazard	Less than 45	
2. Moderate hazard	45-69	
3. High hazard	70-112	
4. Extreme hazard	More than 112	